

Digital NOTAM System Concept of Operations

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Aeronautical Information Management

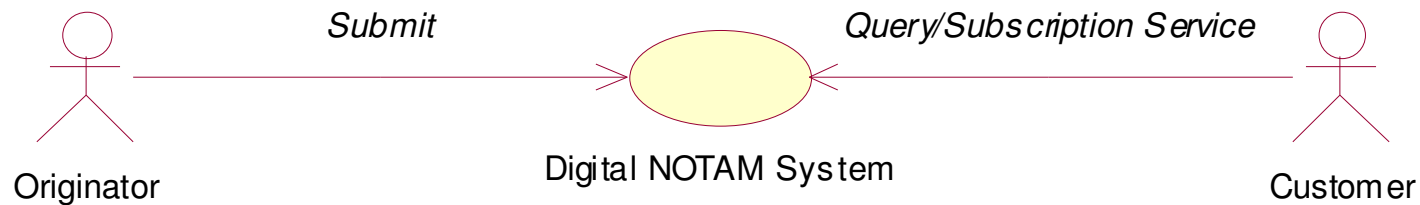
December 05, 2007



**Federal Aviation
Administration**

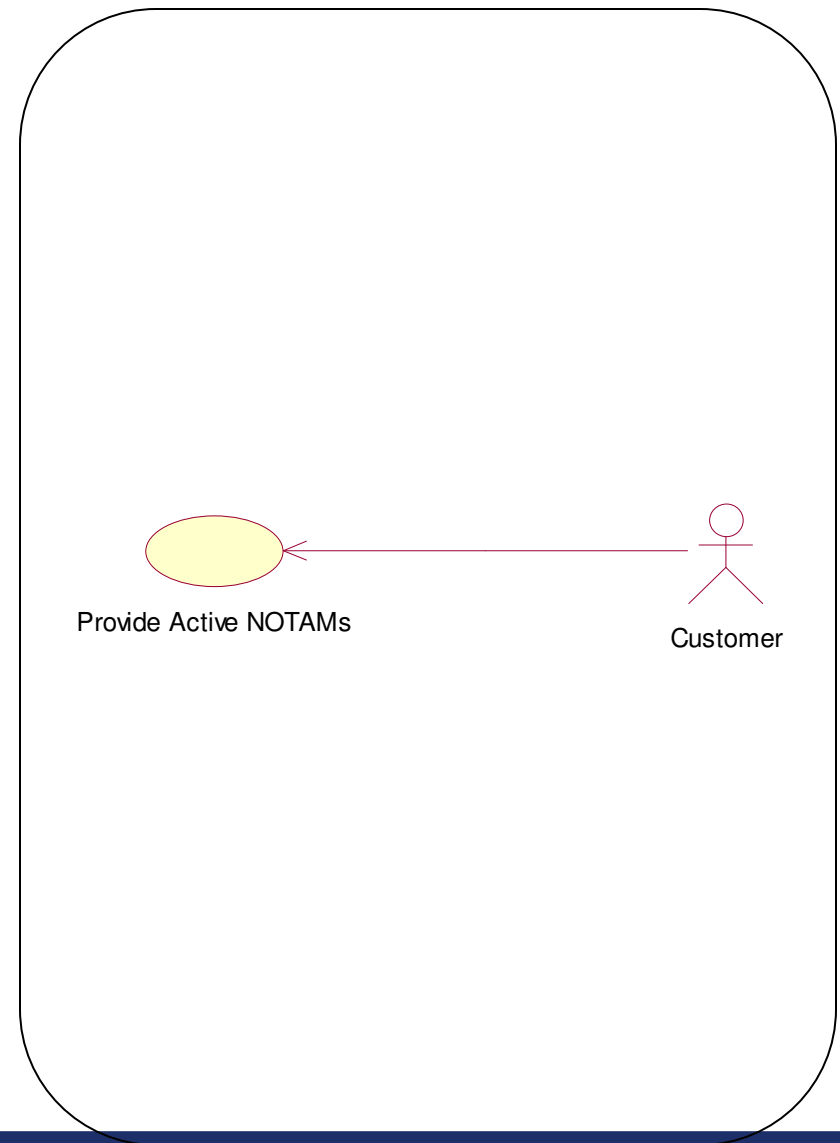
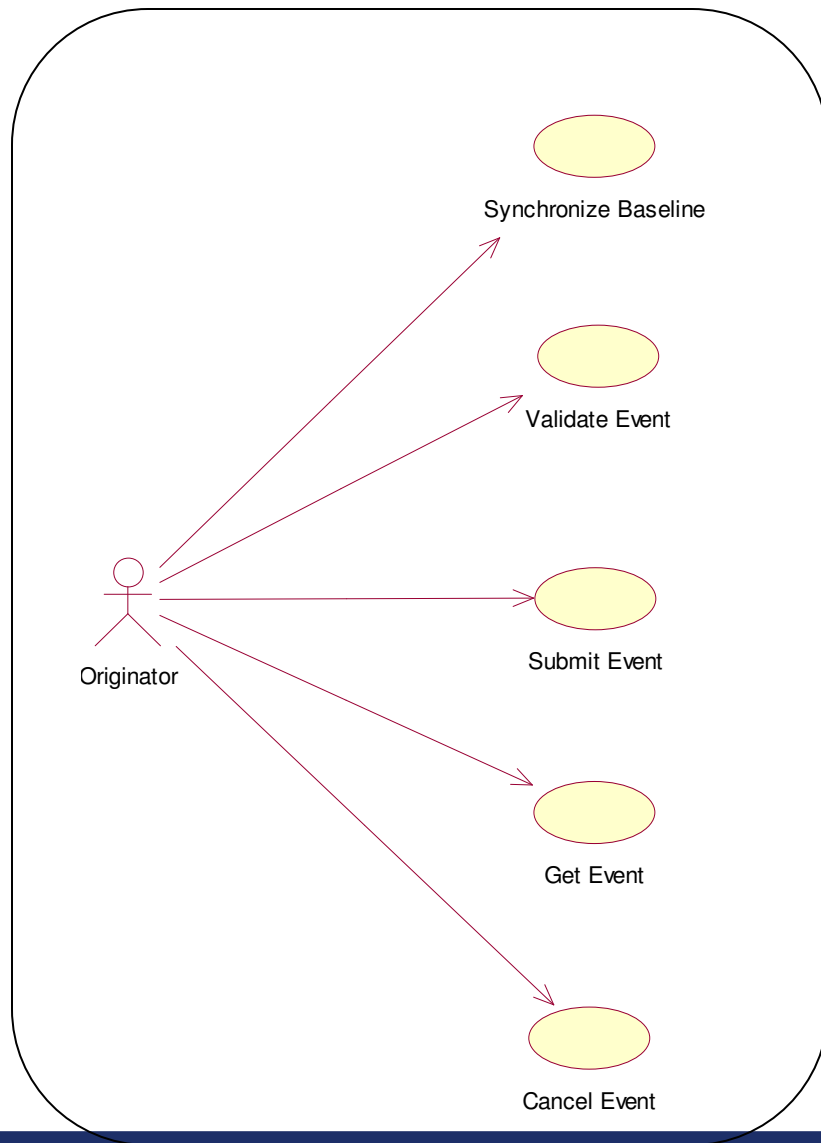


General Concept

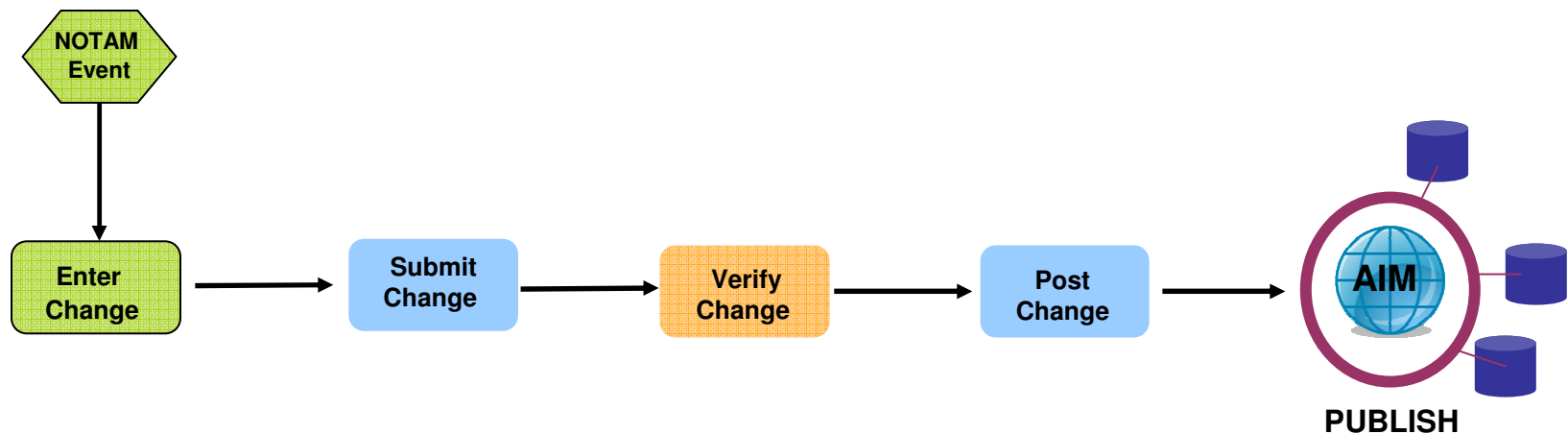


- **Events encoded at the source**
 - Originator responsible for event submission
 - Ensure Integrity
- **Digital NOTAM System**
 - Central storage for all events
 - Publication

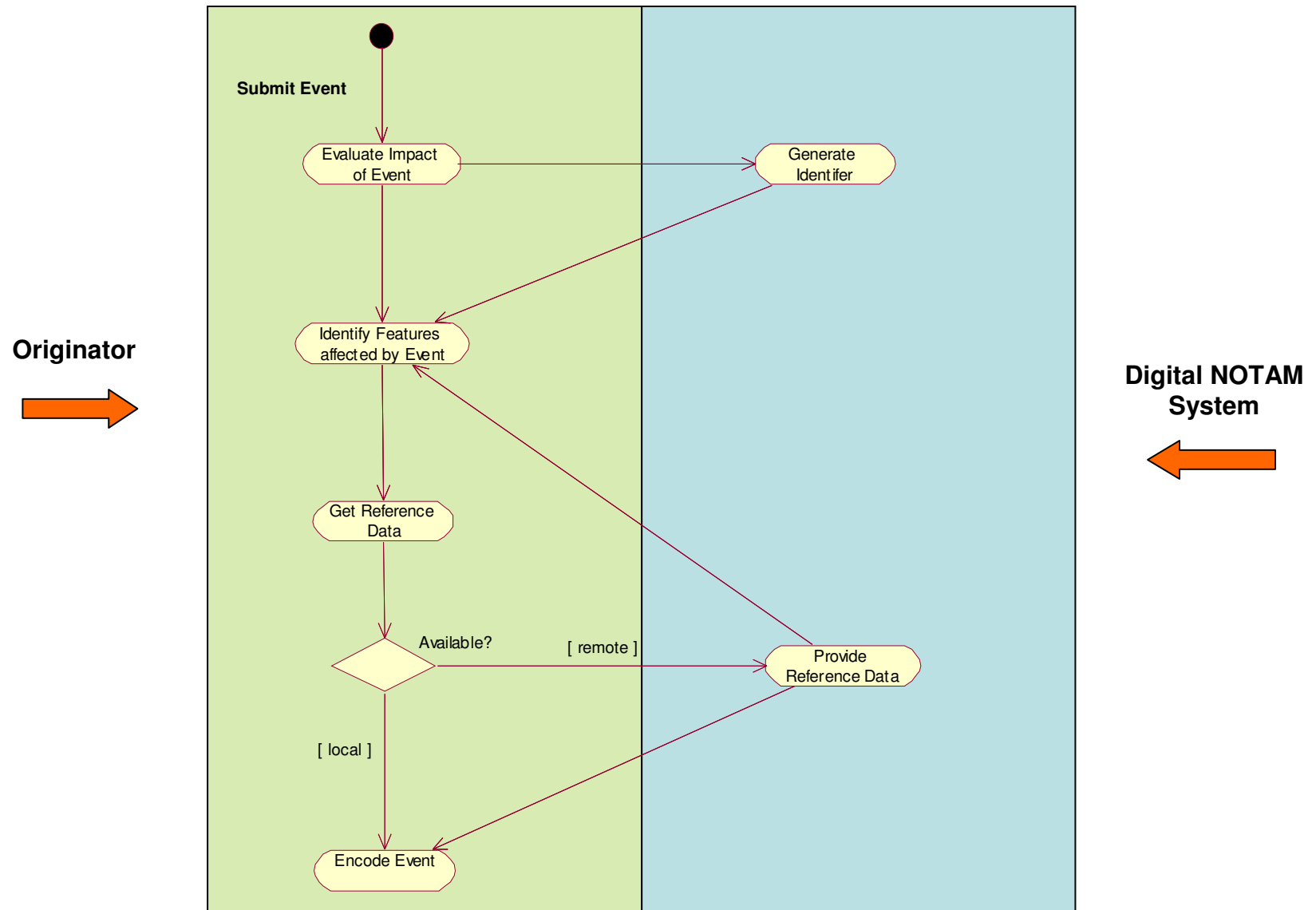
Digital NOTAM System Services



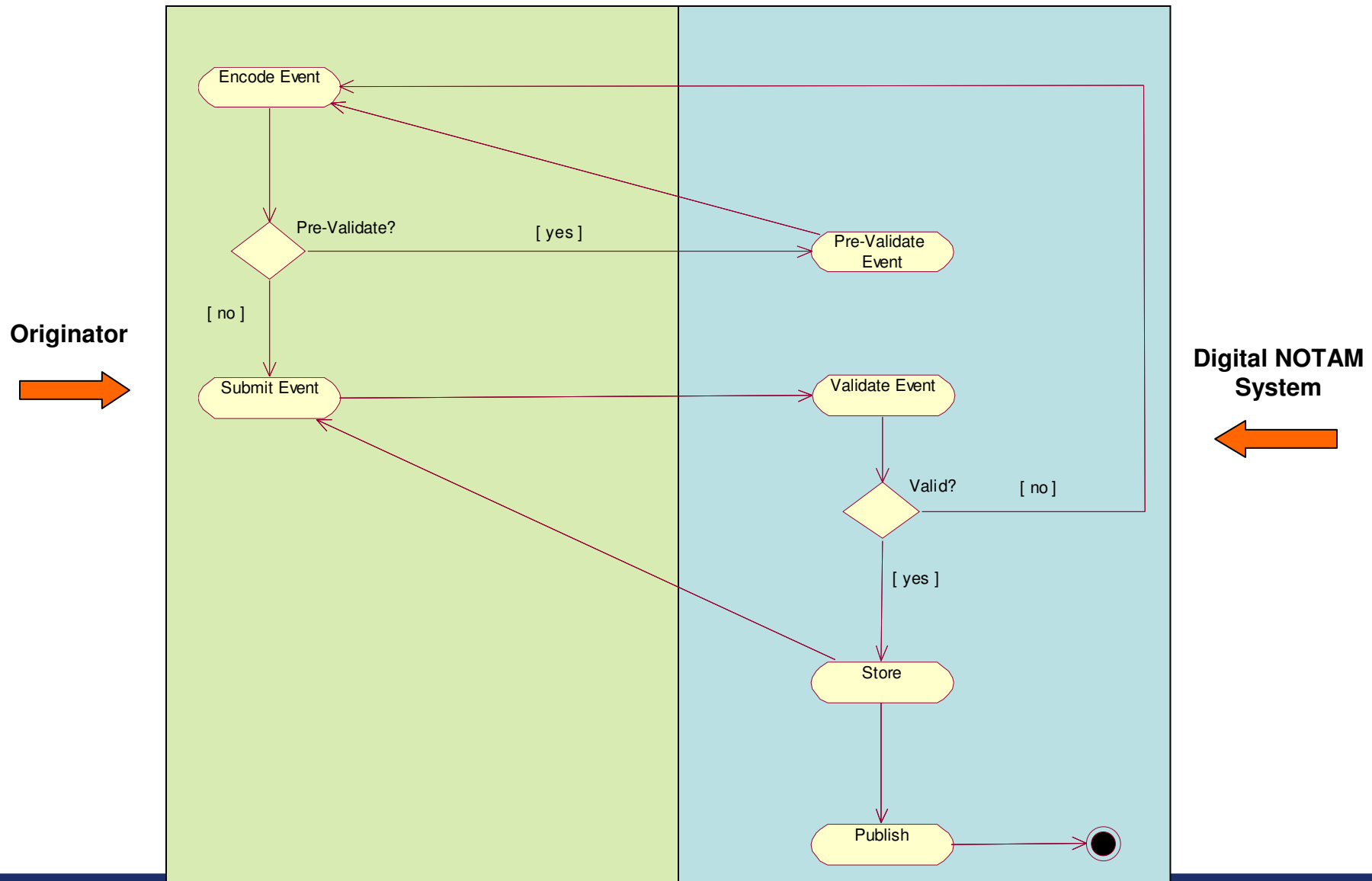
Event Submission Process



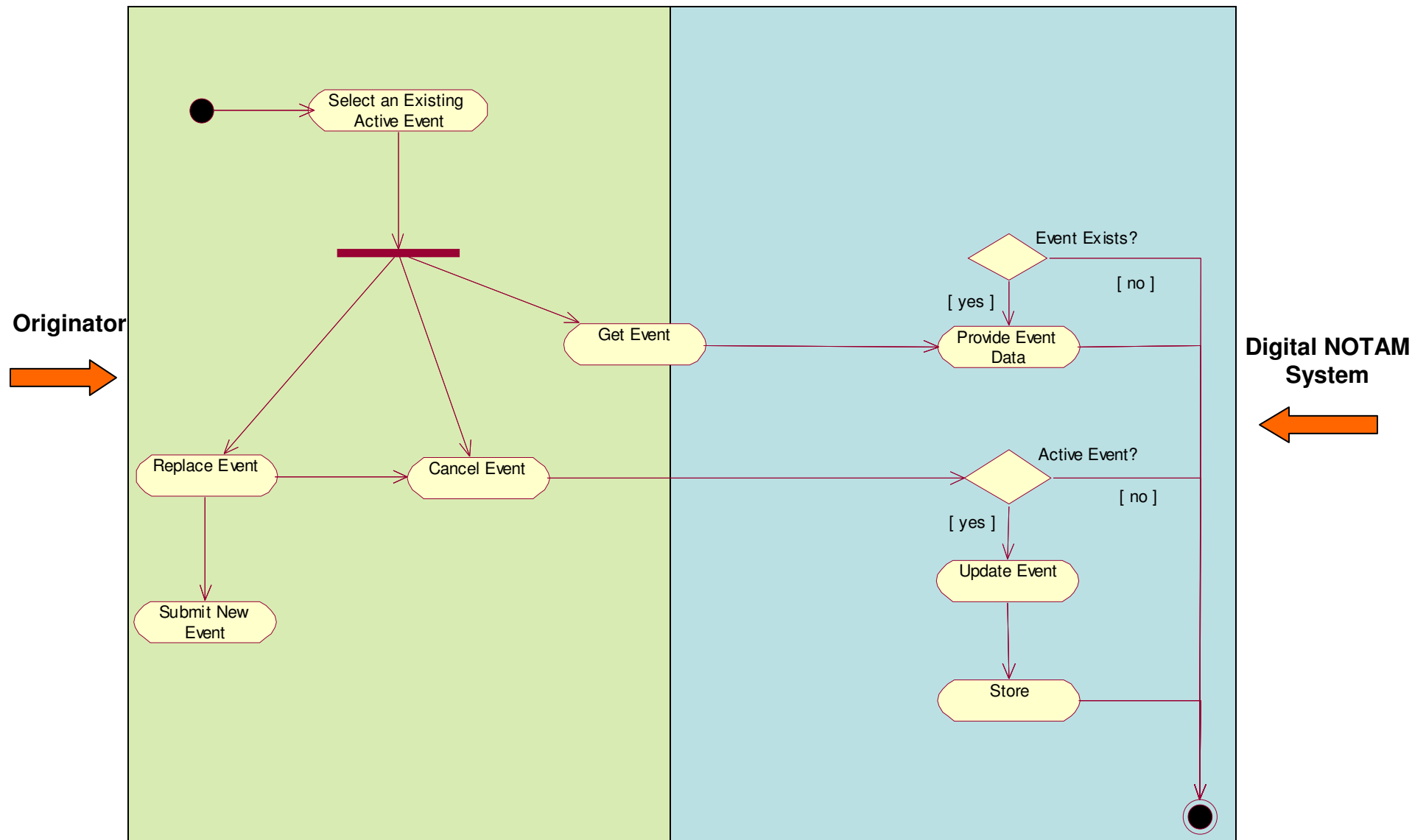
Event Submission - Workflow



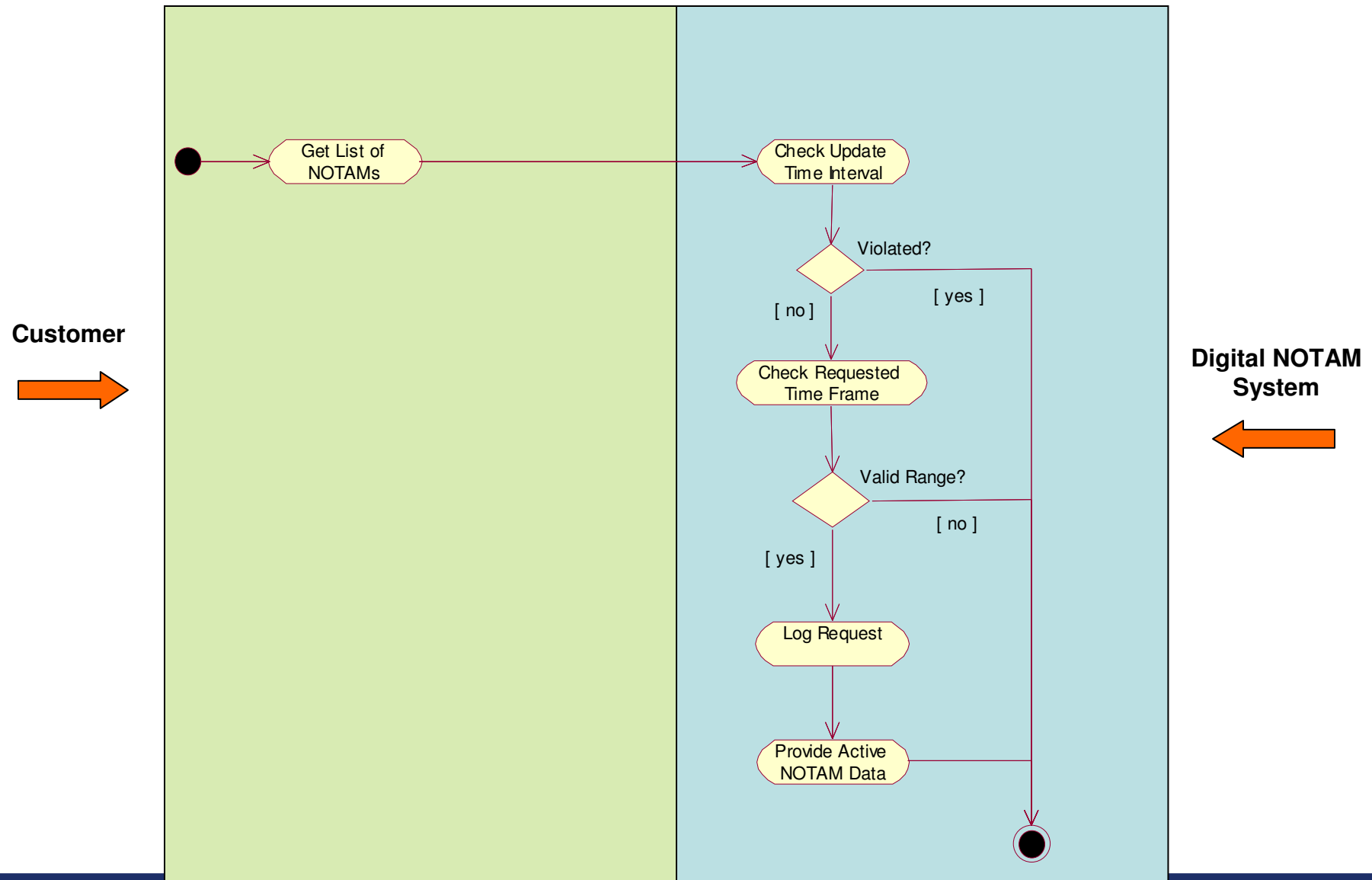
Event Submission – Workflow (contd.)



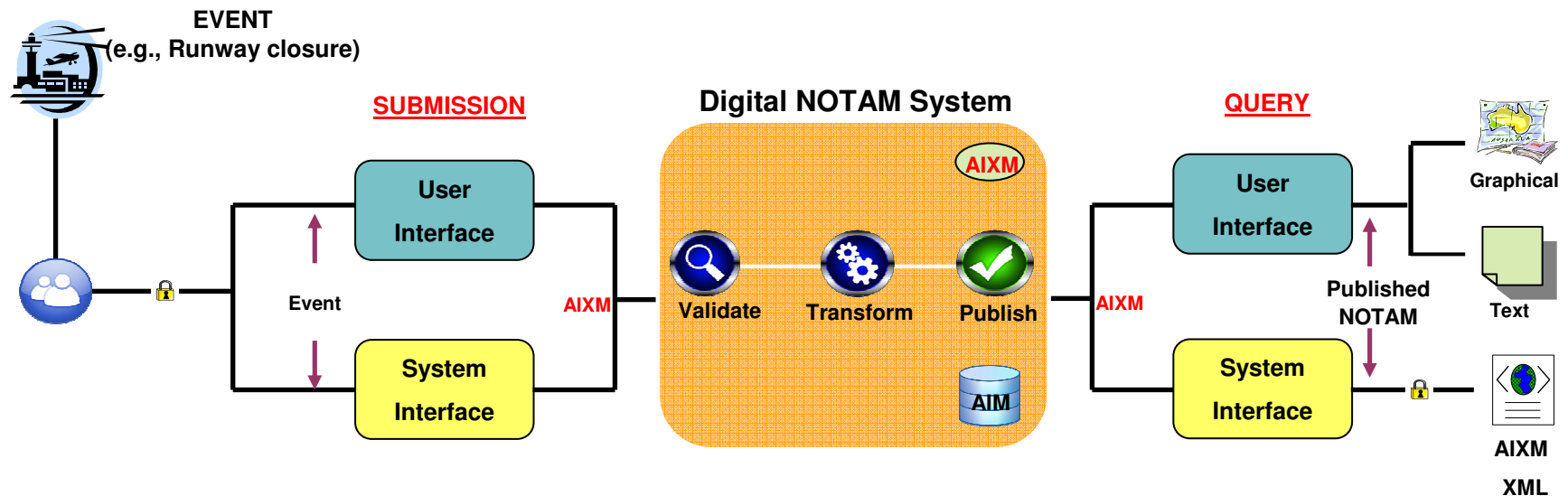
Event Management - Workflow



Query Events



Digital NOTAM System



Other operational concepts

- **Two interfaces for submission**
 - Web GUI
 - System Interface
- **Information exchange using AIXM**
- **One standard way to encode events**
 - Runway closure for example will need specific elements populated
- **Mandatory metadata requirements**
 - Traceability
- **Digital NOTAM System will not ALTER event submissions**
 - Validation (business rules) service
 - Transformation into human readable formats
 - Storage
 - Publication

